

WHAT IS CLAIMED IS:

1. A vent and fluid transfer assembly for transferring a fluid from an inverted fluid-filled container comprising:
a fluid filled container having an opening;
a fitment connected to said opening of said container, said fitment having a vent opening and a fluid transfer opening;
a venting check valve, wherein said venting check valve is in fluid communication with said vent opening;
a receiver attachment, said receiver attachment having having a top surface and a bottom surface;
a tubular member connected to said receiver attachment, said tubular member having an upper portion with an upper opening and a lower portion with a lower opening, said upper opening being located substantially above said top surface of said receiver attachment, said lower opening being located substantially below said bottom surface of said receiver attachment wherein said upper opening is in fluid communication with said lower opening and wherein said lower opening of said tubular member is in fluid communication with a tube such that when said container is inverted and when said upper opening of said tubular member extends beyond said fluid transfer opening, said fluid flows by gravity from said upper opening to said lower opening within said tubular member and said fluid flows by gravity from said lower opening to said tube.
2. The vent and fluid transfer assembly of claim 1 wherein said venting check valve is a duckbill valve
3. The vent and fluid transfer assembly of claim 2 wherein said duckbill valve is made of an elastomeric material.
4. The vent and fluid transfer assembly of claim 1 wherein air is drawn into said container through said venting valve when the pressure inside said container is less than the atmospheric pressure.
5. The vent and fluid transfer assembly of claim 4 wherein said receiver attachment and said tubular member are movable from a first position to a second position, wherein said receiver

attachment and said tubular member are in said first position when said upper opening of said tubular member extends beyond said fluid transfer opening and said fluid flows by gravity from said upper opening to said lower opening within said tubular member and wherein said receiver attachment and said tubular member are in said second position when said upper opening of said tubular member does not extend beyond said fluid transfer opening and said fluid does not flow by gravity from said upper opening to said lower opening of said tubular member.

6. The vent and fluid transfer assembly of claim 5 wherein said container comprises a finish having screw threads and said fitment is threadably attachable to said finish.

7. The vent and fluid transfer assembly of claim 6 wherein said venting check valve is a duckbill valve

8. The vent and fluid transfer assembly of claim 7 wherein said duckbill valve is made of an elastomeric material.

9. The vent and fluid transfer assembly of claim 8 wherein said duckbill valve comprises an open end and a closed beak end wherein said closed beak end remains in a closed position until the pressure in said container is less than the atmospheric pressure.

10. A method of transferring a fluid from a fluid container, said method comprising the steps of:

providing a container filled with a fluid, said container having an opening;

connecting a fluid transfer device to said opening of said container, said fluid transfer device comprising:

a fitment connectable to said opening of said container, said fitment having a vent opening and a fluid transfer opening;

a venting check valve, wherein said venting check valve is in fluid communication with said vent opening;

a receiver attachment, said receiver attachment having a top surface and a bottom surface;

a tubular member connected to said receiver attachment, said tubular member having an upper portion with an upper opening and a lower portion with a lower opening, said upper opening being located substantially above said top surface of said receiver

attachment, said lower opening being located substantially below said bottom surface of said receiver attachment wherein said upper opening is in fluid communication with said lower opening and wherein said lower opening of said tubular member is in fluid communication with a tube such that when said container is inverted and when said upper opening of said tubular member extends beyond said fluid transfer opening, said fluid flows by gravity from said upper opening to said lower opening within said tubular member and said fluid flows by gravity from said lower opening to said tube.

inverting said container; and

pushing said tubular member within said fluid transfer opening such that said upper opening of said tubular member extends beyond said fluid transfer opening and said fluid flows by gravity from said upper opening to said lower opening within said tubular member and said fluid flows by gravity from said lower opening to said tube.

11. The method of claim 10 wherein air is drawn into said container through said venting valve when the pressure inside said container is less than the atmospheric pressure.

12. The method of claim 11 wherein said receiver attachment and said tubular member are movable from a first position to a second position, wherein said receiver attachment and said tubular member are in said first position when said upper opening of said tubular member extends beyond said fluid transfer opening and said fluid flows by gravity from said upper opening to said lower opening within said tubular member and wherein said receiver attachment and said tubular member are in said second position when said upper opening of said tubular member does not extend beyond said fluid transfer opening and said fluid does not flow by gravity from said upper opening to said lower opening of said tubular member.

13. The method of claim 12 wherein said container comprises a finish having screw threads and said fitment is threadably connectable to said finish.

14. The method of claim 13 wherein said venting check valve is a duckbill valve

15. The method of claim 14 wherein said duckbill valve is made of an elastomeric material.